

N^o 20,458



A.D. 1897

Date of Application, 6th Sept., 1897—Accepted, 20th Nov., 1897

COMPLETE SPECIFICATION.

Improved Vaginal Atomizer.

I, AUGUST LAUER of 32 Neuenburger Strasse Berlin, S.W., Empire of Germany, Engineer, do hereby declare the nature of my said invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

5 The present invention consists of an atomizer for spraying powder or other medicaments into the vagina and the invention consists in forming the head of the atomizer in two or more sections. The invention further consists in arranging the perforations of the atomizer head in such manner as to prevent their becoming stopped up when the device is passed into the vagina. According to the present
10 invention the perforations or slots in the atomizer head may be arranged at any desired angle to the longitudinal axis of the said head.

And in order to render the present specification more easily intelligible reference is had to the accompanying drawings in which similar letters of reference denote similar parts throughout the several views:—

15 Fig. 1 is a longitudinal section through the whole device.

Fig. 2 a similar section showing the head detached and

Fig. 3 a front end elevation of the head.

The atomizer head consists of two sections *a* and *b* suitably screwed together. The former section *a* is slightly conical towards the front of the head and is
20 recessed as at *d* at its forward end, the bottom of said recess being provided with perforations or slots as at *e* and *f*, which may be arranged crosswise and may have their forward ends inclined towards each other. The other section *b* is provided with a shoulder against which the section *a* closes and behind the shoulder with an annular groove *c* in which radially arranged perforations or slots *g* are formed,
25 said slots opening into the central boring of the head. The part *b* is suitably attached to a flexible tube *h*¹, having at its lower end a spoon like fitting *k*, adapted to engage—advantageously by friction—with the sleeve *h* carrying a back pressure valve *m* and the rubber ball *i*. From the above description it will be evident, that in use the orifices of the atomizer head are prevented from immediate contact
30 with the vagina.

Having now particularly described and ascertained the nature of my said invention and what manner the same is to be performed, I declare that what I claim is:—

1. An atomizer having a head formed of two or more sections said head being
35 provided with perforations of slots of any form and inclination, said perforations or slots being prevented from immediate contact with the parts to be operated on, substantially as described.

2. In combination with the atomizer covered by Claim 1, the arrangement of a

[Price 8d.]

Lauer's Improved Vaginal Atomizer.

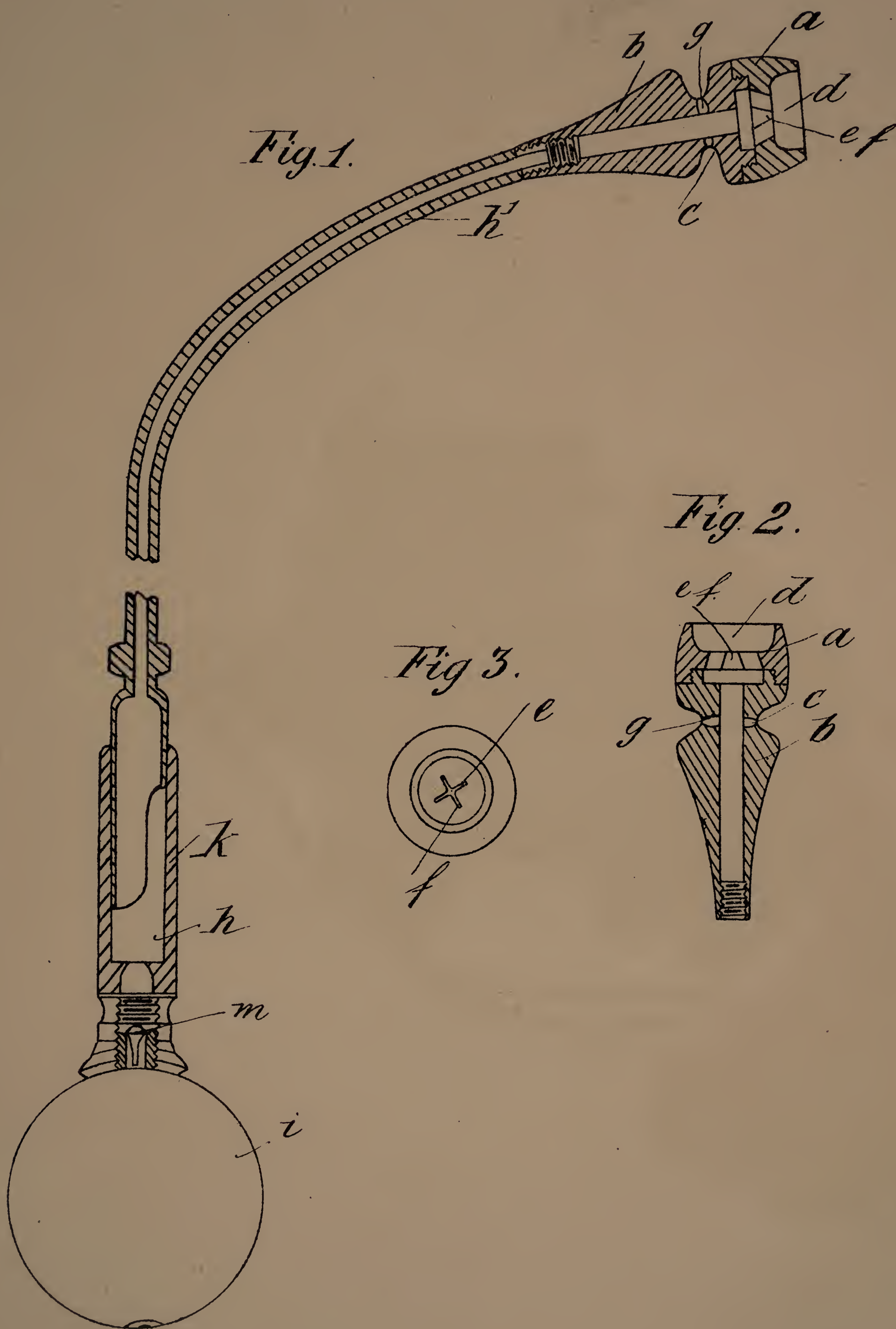
back-pressure valve within or without the rubber ball, and a flexible supply tube, having one or more engaging parts, substantially as described.

Dated this 6th day of September 1897.

MARKS & CLERK,
18, Southampton Buildings, London, W.C., and
13, Temple Street, Birmingham, Agents.

Redhill : Printed for Her Majesty's Stationery Office, by Malcomson & Co., Ltd. —1897





[This Drawing is a reproduction of the Original on a reduced scale.]

